

INSURANCE COMPANIES

TILLINGHAST & HILT'S
INSURANCE ROOMS,
109 WALNUT ST. PHILA.
TILLINGHAST.

DAVID E. HILT

No. 409 WALNUT St.
AGENTS AND ATTORNEYS FOR
Home Fire Insurance Company.

NEW HAVEN, CONN.
Springfield Fire and Marine Ins. Co.,
SPRINGFIELD, MASS.
Yonkers and New York Insurance Co.,
NEW YORK
Peoples' Fire Insurance Company,
WORCESTER, MASS.
Atlantic Fire and Marine Insurance Co.,
PROVIDENCE, R. I.
Guardian Fire Insurance Company,
NEW YORK
Lumberman's Fire Insurance Co.,
CHICAGO, ILL.
Insurance effected at LOWEST RATES.
All losses promptly and liberally adjusted at their
Office, No. 409 WALNUT Street,
PHILADELPHIA.

INSURE AT HOME
—
GUARDIAN FIRE AND MARINE
INSURANCE COMPANY,
No. 426 WALNUT Street
PHILADELPHIA.
CHARTERED CAPITAL, . . . \$500,000
PAID IN CAPITAL, . . . \$100,000
NO LOSSES OR DEBTS.
—
INSURE AGAINST LOSS OR DAMAGE BY FIRE ON BUILDINGS,
MERCHANDISE, HOUSEHOLD FURNITURE, AND ALL OTHERS.
INSURANCE AT HOME.

lake marines, canal and inland navigation risks at the lowest rates consistent with security.

W. E. OWENS, President,
NATHAN HAINES, Secretary. (Is an
BENJ. F. O'BRYON, Surveyor
DIRECTIONS.

Wm. E. Owens,
Hon. Geo. V. Lawrence,
Hon. Stephen T. Wilson,
James H. Kirk,
R. C. Worthington,
Wm. R. Treman,
John Smick,
Edward N. Grantan,
Arthur Maginnis,
Wm. W. Fennel,
D. M. McKewen,
J. M. McKee,
Thomas Willis,
Howard A. Mickle,
J. Kemp Bartlett,
Jona. K. McDonald,

INSURANCE COMPANY

NORTH AMERICA,
No. 232 WALNUT STREET, PHILADA.
INCORPORATED 1794. CHARTER PERPETUAL
Marine, Inland, and Fire Insurance.
ASSETS JANUARY 1, 1868. . \$2,001,266-
\$20,000,000 Losses Paid in Cash Since
Organization.
DIRECTORS.

Arthur G. Coffin,
 Samuel W. Jones,
 John E. Brown,
 Charles Taylor,
 Ambrose White,
 William Welsh,
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 WILLIAM BUEHLER, Harrisburg, Pa., Com.
 Agent for the State of Pennsylvania.

FIRE INSURANCE EXCLUSIVELY.—THE
 PENNSYLVANIA FIRE INSURANCE CO.
 PENN.—INSURE AGAIN.

510 WALNUT Street, opposite Independence Square.
This Company, favorably known to the community for over forty years, insures against fire or damage by fire on Public or Private Buildings, either permanently or for a limited time. Also Furniture, Stocks and Goods, and Merchandise generally, on liberal terms.
Their Capital, together with a large Surplus Fund, is invested in the most careful manner, which renders them able to insure an undoubted security in the case of loss.

DIRECTORS.

Daniel Smith, Jr.	John Devereux,
Alexander Benson,	Thomas Smith,
Isaac Hazlehurst,	Henry Lewis,
Thomas Robbins,	J. Gillingham Fell,
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MERRICK & SONS'
SOUTHWARK FOUNDRY,
No. 430 WASHINGTON AVENUE, Philadelphia.
WILLIAM WRIGHT'S PATENT VARIABLE
CUT OFF STEAM-ENGINE,
Regulated by the Governor.

MERRICK'S SAFETY HOISTING MACHINE
Patented June, 1868.

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AND
HYDRO EXTRACTOR,
For Cotton or Woollen manufacturers. [718mwf]

 PENN STEAM ENGINE &
BOILER WORKS—NEAPLE & LEV

MECHANICAL AND THEORETICAL ENGINEERS
H. A. SMITH, JR. and H. A. SMITH, JR. and **FOUNDERS** having for many years been in successful operation, and been extensively engaged in building and repairing Marine and River Boats, Tanks, Propellers, etc., etc., respectfully offer their services to the public as being fully prepared to construct and repair engines, pumps, and all other machinery. Stationary, having sets of patterns of different sizes are prepared to execute orders with quick despatch. Every description of machinery made at the shop, such as High and Low Pressure Engines, Tubular and Cylinder Boilers, of the best Pennsylvania charcoal iron. Forgings of all sizes and kinds of castings, and all other work done to order. Turning, Screw Cutting, and all other work connected with the business.

with the above business.

Drawings and specifications for all work done to the establishment free of charge, and work guaranteed.

The subscribers have ample wharf-dock room for vessels of boats, where they can lie in perfect safety, and are provided with shears, blocks, falls, etc., for raising heavy or light weights.

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SOUTHWALK FOUNDRY, FIFTH AND
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PHILADELPHIA,
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ENGINEERS AND MACHINISTS,
Manufacture High and Low Pressure Steam Engines for
Land, River, and Marine Service.
Boiler, Gasoline, and Oil Engines, etc.
Castings of all kinds, either Iron or Brass,
Iron Frame Rools for Gas Works, Workshops, and
Railroad Stations, etc.
Steam Engines and Gas Machinery, of the latest and most
Improved construction.
Every description of Plantation Machinery, as
Saw Mills, and Grist Mills, Vacuum Pans,
Steam Trains, Defecators, Filters, Pumping,
Mines, etc.
Sole Agents for N. Billew's Patent Sugar Boiling
Apparatus, Newmyth's Patent Steam Hammer, and
Ardwell & Woolsey's Patent Centrifugal Sugar

1. *Spawning in captivity.*

1. *Journal of Management Studies*, 1996, 33, 1, 1-14.